

ERICKSON WELLSITE GEOLOGY



Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Hastings #23-1
 Location: NWSESE Sec. 23 T235 R2M
 License Number: 11/23/2012
 Spud Date: 600' FSL, 350' FEL
 Region: Hodgeman County, KS
 Drilling Completed: 12/1/2012
 Surface Coordinates: 600' FSL, 350' FEL

Bottom Hole Coordinates: 2391
 Ground Elevation (ft): 2391
 Logged Interval (ft): 3400
 Formation: K.B. Elevation (ft): 2401
 Type of Drilling Fluid: Chemical Mud
 Total Depth (ft): 4930

Printed by NUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Strand Energy, L.C.
 Address: 919 Milam, Ste 1820
 Houston, TX 77002

GEOLOGIST

Name: Clayton Erickson
 Company: Erickson WellSite Geology
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COMMENTS

Based upon examination of rock samples and logs I recommend to P&A.

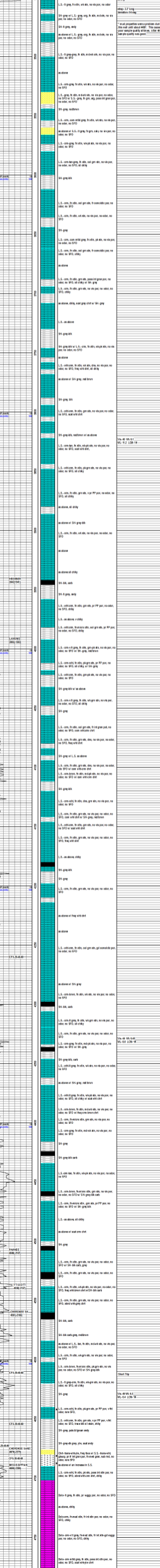
DGTs

FORMATION TOPS

Log Tops	Sample tops
ANHYDRITE 1591(+846)	3942(-1541)
HEBNER 3944(-1543)	3993(-1592)
LANING 3996(-1595)	4508(-2107)
PAWNEE 4511(-2110)	4538(-2137)
FL SCOTT 4548(-2139)	4561(-2160)
CHEROKEE SH 4563(-2162)	4678(-2275)
MISSISSIPPIAN 4931(-2491)	4684(-2281)
TD 4931(-2491)	4806(-2359)

ROCK TYPES			
Anyh	Cyrt	Gyp	Mist
Bent	Carb. shale	Igne	Silt
Brc	Congl	Lust	Shale
Chl	Dol	Meta	Shcol
			Shgy
			Siltst
			Ss
			Til

OTHER SYMBOLS			
Oil Show	Spotted	Dead	Interval
Even	Ques		Det



3400
3450
3500
3550
3600
3650
3700
3750
3800
3850
3900
3950
4000
4050
4100
4150
4200
4250
4300
4350
4400
4450
4500
4550
4600
4650
4700
4750
4800
4850
4900
4930